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In order to improve the acceptance of recorded presentations, we introduce a new open
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3   Direct manipulation of temporal structures in a multimedia application framework   ▬
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The design of complex multimedia documents presents new challenges to authoring
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4   Intel MMX for multimedia PCs   ▬
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5 <u>ABSTRACTS OF INTEREST</u>

January 1987 **ACM SIGCHI Bulletin**, Volume 18 Issue 3

Full text available: pdf(445.91 KB)   Additional Information: <u>full citation</u>

6 <u>An information system based on distributed objects</u>

Michael Caplinger

December 1987 **ACM SIGPLAN Notices , Conference proceedings on Object-oriented programming systems, languages and applications**, Volume 22 Issue 12

Full text available: pdf(1.33 MB)   Additional Information: <u>full citation</u>, <u>abstract</u>, <u>references</u>, <u>citings</u>, <u>index terms</u>

The Telesophy system is intended to provide transparent access to all of a community's online information. The scale of the system requires that it be distributed across many machines via a network; the multiple types and formats of the information require that it be a multimedia system. We describe a prototype that uses objects to represent, query, display, and edit information. A two-level storage system is used to store the objects on multiple servers; queries are proces ...

7 <u>A federated multimedia database system</u>

Henrike Berthold

October 1999 **Proceedings of the seventh ACM international conference on Multimedia (Part 2)**

Full text available: pdf(188.29 KB)   Additional Information: <u>full citation</u>, <u>references</u>, <u>index terms</u>

Keywords: federated databases, multimedia databases, object-oriented databases

8 <u>Transmitting MPEG-4 video streams over the Internet: problems and solutions</u>

Gerald Kühne, Christoph Kuhmünch

October 1999 **Proceedings of the seventh ACM international conference on Multimedia (Part 2)**

Full text available: pdf(516.94 KB)   Additional Information: <u>full citation</u>, <u>references</u>, <u>index terms</u>

Keywords: MPEG-4, RTP payload, real-time transport protocol, video on demand

9 <u>Lessons learned from implementing the CORBA persistent object service</u>

Jan Kleindienst, František Plášil, Petr Tůma

October 1996 **ACM SIGPLAN Notices , Proceedings of the 11th ACM SIGPLAN conference on Object-oriented programming, systems, languages, and applications**, Volume 31 Issue 10

Full text available: pdf(2.16 MB)   Additional Information: <u>full citation</u>, <u>abstract</u>, <u>references</u>, <u>citings</u>, <u>index terms</u>

In this paper, the authors share their experiences gathered during the design and implementation of the CORBA Persistent Object Service. There are two problems related to a

design and implementation of the Persistence Service: first, OMG intentionally leaves the functionality core of the Persistence Service unspecified; second, OMG encourages reuse of other Object Services without being specific enough in this respect. The paper identifies the key design issues implied both by the intentional la ...

10 Object composition and playback models for handling multimedia data
Rei Hamakawa, Jun Rekimoto
September 1993 **Proceedings of the first ACM international conference on Multimedia**
Full text available: pdf(643.98 KB)   Additional Information: full citation, references, citings, index terms

Keywords: graphical user interface, multimedia object, object-oriented approach, temporal glue

11 Toolkit for shared hypermedia on a distributed object oriented architecture
Rajiv Trehan, Nobuyuki Sawashima, Koji Yamaguchi, Koichi Hasebe
September 1993 **Proceedings of the first ACM international conference on Multimedia**
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